

ER-2 #809 08/28/14

Aircraft: [ER-2 - AFRC #809](#) ([See full schedule](#))

Flight Number: 14-9040

Payload Configuration: HysPIRI - AVIRIS, RSP, MASTER, INMARSAT

Nav Data Collected: Yes

Total Flight Time: 3.7 hours

Submitted by: Charles E. Irving on 08/28/14

Flight Segments:

From:	PMD	To:	PMD
Start:	08/28/14 09:06 Z	Finish:	08/28/14 12:49 Z
Flight Time:	3.7 hours		
Log Number:	142016	PI:	Robert Green
Funding Source:	Woody Turner - NASA - SMD - ESD Biological Diversity		
Purpose of Flight:	Science		
Comments:	Today's flight took off at 0206 local and landed at 0549 local (3.7 hr duration) to sample a portion of HysPIRI Southern Cal Box - the companion night flight to prior flight (Aug 26). Weather was pristine. There were no instrument squawks, however, evidence of continued loss in pressure in the left hand (MASTER) pod was noted during post flight inspection. Prior to flight, maintenance crews replaced suspected caused of pressurization loss in left hand pod and installed a pressure monitor to alert pilot in event of a loss of pressure. Although there were no instrument squawks or cockpit pressure loss indications, the circuit breaker tripped and nitrogen bottle was emptied verifying pressure loss. Investigation continues.		

Flight Hour Summary:

	142016	152020
Flight Hours Approved in SOFRS	120	
Flight Hours Previously Approved		1
Total Used	119	1
Total Remaining		0

152020 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
10/06/14	15-6001	Science	1	1	0	

Source URL: https://airbornescience.nasa.gov/flight_reports/ER-2_809_08_28_14#comment-0

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Page Editor: Brad Bulger

NASA Official: Bruce A. Tagg

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

142016 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
11/17/13	14-9005	Science	2	2	118	
11/22/13	14-9006	Science	5.2	7.2	112.8	
11/25/13	14-9007	Science	5.1	12.3	107.7	
12/04/13	14-9012	Science	4.9	17.2	102.8	
12/05/13	14-9013	Science	4.6	21.8	98.2	
04/07/14	14-6030	Science	5.8	27.6	92.4	
04/10/14	14-6031	Science	5.2	32.8	87.2	

04/14/14	14-6032	Science	8	40.8	79.2
04/16/14	14-6033	Science	6	46.8	73.2
04/18/14	14-6034	Science	4	50.8	69.2
04/28/14	14-6037	Science	7.6	58.4	61.6
05/07/14	14-6038	Science	6.9	65.3	54.7
05/29/14	14-6041	Science	6.7	72	48
06/02/14	14-6043	Science	5.1	77.1	42.9
06/03/14	14-6044	Science	6.3	83.4	36.6
06/04/14	14-6045	Science	5.8	89.2	30.8
06/13/14	16-6048	Science	7.7	96.9	23.1
08/26/14 - 08/27/14	14-9039	Science	7.8	104.7	15.3
08/28/14	14-9040	Science	3.7	108.4	11.6
08/29/14	14-9041	Science	5.1	113.5	6.5
09/19/14	14-6065	Science	5.5	119	1